

## CLAIMS

What is claimed is:

1           1. A method for remotely controlling audio/visual (A/V) devices within a  
2           personal computer (PC), the method comprising the steps of:

3           (a) mapping each button on a remote control device to predetermined key codes;  
4           and

5           (b) translating data signals from a selected button to device functions via the PC  
6           based on the key codes to control operations of a plurality of A/V devices coupled to the  
7           PC.

8           2. The method of claim 1 further comprising the step of:

9           (c) utilizing the look-up table to provide associations between the predetermined  
10          key codes and the device functions.

11          3. The method of claim 2 wherein the utilizing of the look-up table step (c)  
12          further comprises the step of (c1) providing a button mapping code in the PC.

1           4. The method of claim 2 wherein the device functions further comprises a  
2           plurality of CD/DVD and TV/DVR functions.

3           5. A system for remotely controlling a plurality of audio/visual (A/V) devices  
4           within a personal computer (PC), the system comprising:

3 a PC;  
4 connection hardware coupled to the PC; and  
5 a remote control device with selectable buttons for transmitting data signals  
6 wirelessly to the connection hardware to access control of the plurality of A/V devices.

1 6. The system of claim 5 wherein the connection hardware further comprises a  
2 tuner box.

10 7. The system of claim 5 wherein the connection hardware further comprises a  
2 graphics board in the PC coupled to the tuner box.

1 8. The system of claim 5 further comprising an infrared port receiver in the  
2 connection hardware to receive the data signals from the remote control device.

10 9. The system of claim 7 wherein the graphics board translates the data signals to  
2 a button number.

1 10. The system of claim 5 further comprising an application driver programming  
2 in the PC that utilizes the button number to determine an action key code in one of the  
3 plurality of A/V devices.

1 11. The system of claim 10 wherein the action key code further comprises one of  
2 a plurality of DVD and DVR functions.

1           12. A method for remotely controlling a plurality of audio/visual (A/V) devices  
2 within a personal computer (PC) utilizing a remote control, the remote control having a  
3 plurality of buttons, the method comprising the steps of:

4           (a) providing a data signal based upon activating at least one of the plurality of  
5 buttons from the remote control, the at least one button for controlling one of the plurality  
6 of A/V devices; and

7           (b) translating the data signal to control one of the plurality of A/V devices.

10           13. The method of claim 12 wherein the data signal translation comprises  
11 providing one of a plurality of CD/DVD and TV/DVR functions.

12           14. A computer readable medium containing program instructions for remotely  
13 controlling audio/visual (A/V) devices within a personal computer (PC), the program  
14 instructions for:

15           mapping each button on a remote control device to predetermined key codes; and  
16           translating data signals from a selected button to device functions via the PC  
17 based on the key codes to control operations of a plurality of A/V devices coupled to the  
18 PC.

19           15. The computer readable medium of claim 14 further comprising utilizing a  
20 look-up table to provide associations between the predetermined key codes and the  
21 device functions.

1           16. The computer readable medium of claim 15 wherein utilizing a look-up table  
2 further comprises providing a button mapping code in the PC.

1           17. The computer readable medium of claim 15 wherein the device functions  
2 further comprises a plurality of CD/DVD and TV/DVR functions.

1           18. A method for remotely controlling audio/visual (A/V) devices within a  
2 personal computer (PC), the method comprising the steps of:

3           (a) mapping each button on a remote control device to predetermined key codes;  
4 and

5           (b) translating data signals from a selected button to device functions via the PC  
6 based on the key codes to control operations of a plurality of A/V devices coupled to the  
7 PC; and

8           (c) utilizing a look-up table to provide associations between the predetermined  
9 key codes and the device functions, wherein a button mapping code is utilized within the  
10 PC to provide the look-up table.

1           19. A system for remotely controlling a plurality of audio/visual (A/V) devices within a  
2 personal computer (PC), the system comprising:

3           a PC;

4           a tuner box coupled to a graphics board within the PC; and

5 a remote control device with selectable buttons for transmitting data signals  
6 wirelessly to the tuner box to access control of the plurality of A/V devices, wherein the  
7 graphics board translates the data signals to a button number.

1 20. A computer readable medium for remotely controlling audio/visual (A/V)  
2 devices within a personal computer (PC), the method comprising:  
3 mapping each button on a remote control device to predetermined key codes;  
4 translating data signals from a selected button to device functions via the PC  
5 based on the key codes to control operations of a plurality of A/V devices coupled to the  
6 PC; and  
7 utilizing a look-up table to provide associations between the predetermined key  
8 codes and the device functions, wherein a button mapping code is utilized in the PC to  
9 provide the look-up table.

10 21. A system for remotely controlling a plurality of audio/visual (A/V) devices  
11 within a personal computer (PC), the system comprising:  
12 an infrared port receiver;  
13 a tuner box coupled to a graphics board within the PC;  
14 a remote control device with selectable buttons for transmitting data signals  
15 wirelessly to the infrared port receiver to access control of the plurality of A/V devices  
16 wherein the graphics board translates the data signals to a button number; and  
17 an application driver programming in the PC that utilizes the button number to  
18 determine an action key code in one of the plurality of A/V devices.